

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/14812

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02B6/12 G02F1/313 H04Q11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B G02F H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 285 810 B1 (FINCATO ANTONIO ET AL) 4 September 2001 (2001-09-04) column 1, paragraphs 12-19 column 11, line 1-7 column 12, line 17 -column 14, line 28	1,2,5-10
X	WO 97 50008 A (CORNING INC) 31 December 1997 (1997-12-31) page 5, line 27-30 page 16, line 15 -page 17, line 30 page 19, line 27 -page 20, line 28 figure 8	1,2,5-10

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

20 May 2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25, 12 April 2001 (2001-04-12) - & JP 2001 222033 A (NIPPON TELEGR & TELEPH CORP), 17 August 2001 (2001-08-17) abstract paragraph '0021! figure 3	1,2,5-10
A	OFFREIN B J ET AL: "RESONANT COUPLER-BASED TUNABLE ADD-AFTER-DROP FILTER IN SILICON-OXYNITRIDE TECHNOLOGY FOR WDM NETWORKS" IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, IEEE SERVICE CENTER, US, vol. 5, no. 5, September 1999 (1999-09), pages 1400-1406, XP000926845 ISSN: 1077-260X abstract page 1400, column 2, paragraph 1 -page 1402, column 1, paragraph 1 figures 2,3,5	1-10
A	WEIERSHAUSEN W ET AL: "PHOTONIC HIGHWAY SWITCHES BASED ON RING RESONATORS USED AS FREQUENCY-SELECTIVE COMPONENTS" APPLIED OPTICS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 35, no. 30, 20 October 1996 (1996-10-20), pages 5967-5978, XP000630966 ISSN: 0003-6935 page 5967 -page 5967	1,2,9,10
A	EP 1 158 342 A (AGERE SYSTEMS OPTOELECTRONICS) 28 November 2001 (2001-11-28) paragraphs '0014!, '0025!-'0058! figures 5,6	1,2,10
A	WO 01 73994 A (ERICSSON TELEFON AB L M ;AUGUSTSSON TORSTEN (SE)) 4 October 2001 (2001-10-04) page 9, line 22 -page 10, line 5	1,10
A	KOHNKE G E ET AL: "Silica based Mach-Zehnder add-drop filter fabricated with UV induced gratings" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 32, no. 17, 15 August 1996 (1996-08-15), pages 1579-1580, XP006005577 ISSN: 0013-5194 page 1579, column 1, paragraphs 2,3	1,10

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